

## APPENDIX I:

CLAIM AMENDMENTS:

Cancel Claim 9, amend Claims 1, 10, 11 and 16, and enter new Claim 26, as indicated in the following listing of the claims:

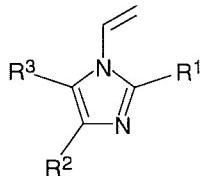
1. (*currently amended*) A cosmetic or dermatological sunscreen preparation for protecting human skin against solar rays, comprising an effective amount of a mixture comprising components (A) and (B), wherein

A) is at least one copolymer obtained by

(i) free-radically initiated solution polymerization of a monomer mixture of

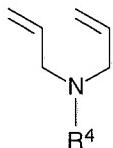
(a) 0.01 to 99.99% by weight of at least one monomer chosen from the group consisting of

N-vinylimidazoles of formula (I)



I

in which the radicals R<sup>1</sup> to R<sup>3</sup>, independently of one another, are hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl or phenyl, and diallylamines of formula (II)



II

in which the radical R<sup>4</sup> is C<sub>1</sub>-C<sub>24</sub>-alkyl;

(b) 0.01 to 99.99% by weight of at least one N-vinylacetam;

(c) 0 to 50% by weight of at least one unsaturated acid or an unsaturated anhydride;

(d) 0 to 50% by weight of at least one free-radically copolymerizable monomer which is different from (a), (b) and (c); and

(e) 0 to 10% by weight of at least one monomer having at least two ethylenically unsaturated nonconjugated double bonds which acts as crosslinker, and

- (ii) subsequent partial or complete quaternization or protonation of the polymer where the monomer (a) is not quaternized or only partially quaternized, and
- B) is, as inorganic UV filter, at least one micronized, hydrophobicized metal oxide chosen from the group consisting of titanium dioxide, zinc oxide, cerium oxide, aluminum oxide, silicon oxide, zirconium oxide, manganese oxide, aluminum oxide and iron oxide.
2. (previously presented) The preparation claimed in claim 1, wherein the copolymer A) is obtained by solution polymerization in water.
3. (previously presented) The preparation claimed in claim 1, wherein the monomer (e) is used in a weight amount of from 0.01 to 10%.
4. (previously presented) The preparation claimed in claim 1, wherein the protonation according to (ii) takes place during the preparation of the mixture.
5. - 9. (canceled)
10. (currently amended) The preparation claimed in claim 9 1, in which the metal zinc oxide has been coated with a silicone of the formula III
- $$\begin{array}{c} \text{CH}_3 \\ | \\ \text{R}^5-\text{Si}\left[\left(\text{O}-\text{Si}\right)_a\text{OR}^6\right]_3 \\ | \\ \text{CH}_3 \end{array} \quad \text{III}$$
- in which, independently of one another, R<sup>5</sup> is C<sub>1</sub>-C<sub>12</sub>-alkyl and R<sup>6</sup> is methyl or ethyl, and a is a value from 4 to 12.
11. (currently amended) The preparation claimed in claim 1, wherein the proportion of the inorganic UV filters filter is 0.1 to 99.9% by weight.
12. (previously presented) The preparation claimed in claim 1, comprising at least one further organic UVA and/or UVB filter.
13. (previously presented) A process for the preparation of the cosmetic or dermatological preparation claimed in claim 1, which comprises preparing the mixture of components (A) and (B) and then optionally mixing said mixture with other compounds.
14. (previously presented) The process as claimed in claim 13, wherein the mixture of components (A) and (B) is prepared, and said mixture is then mixed with compounds which absorb in the UV region

and which are known per se for cosmetic and pharmaceutical preparations.

15. (*canceled*)
16. (*currently amended*) A cosmetic or dermatological sunscreen preparation for protecting human skin against solar rays, comprising an effective amount of a mixture comprising components (A) and (B), wherein
  - A) is at least one copolymer obtained by
    - (i) free-radically initiated solution polymerization of a monomer mixture of
      - (a) 10 to 70% by weight of 3-methyl-1-vinylimidazolium methosulfate,
      - (b) 20 to 89.95% by weight of N-vinylpyrrolidone,
      - (c) 0.05 to 5% by weight of N,N'-divinylethylenurea, and
    - (ii) subsequent partial or complete quaternization or protonation of the polymer where the monomer (a) is not quaternized or only partially quaternized, and
  - B) is 30 to 90% by weight, based on the solids content of the mixture, of at least one micronized, hydrophobicized metal oxide chosen from the group consisting of titanium dioxide and zinc oxide.
  17. (*previously presented*) A process for protecting the human skin against solar rays, which comprises applying an effective amount of the preparation claimed in claim 1 to the human skin.
  18. (*previously presented*) The preparation claimed in claim 1, comprising one or more customary additives or solvents.
  19. (*previously presented*) The preparation defined in claim 18, wherein the mixture of components (A) and (B) constitutes from 0.001 to 30% by weight.
  20. (*previously presented*) A process for protecting the human skin against solar rays, which comprises applying an effective amount of the preparation claimed in claim 16 to the human skin.
  21. (*previously presented*) The preparation claimed in claim 16, comprising one or more customary additives or solvents.

22. (*previously presented*) The preparation defined in claim 21, wherein the mixture of components (A) and (B) constitutes from 0.001 to 30% by weight.
23. (*previously presented*) The preparation claimed in claim 16, comprising at least one further organic UVA and/or UVB filter.
24. (*previously presented*) The preparation claimed in claim 1, which comprises component (A) in an amount which is effective to increase the sun protection factor by a factor of at least 1.1 to 3.0, as compared with a corresponding preparation comprising component (B) without component (A).
25. (*previously presented*) The preparation claimed in claim 16, which comprises component (A) in an amount which is effective to increase the sun protection factor by a factor of at least 1.1 to 3.0, as compared with a corresponding preparation comprising component (B) without component (A).
26. (*new*) The preparation claimed in claim 1, wherein the inorganic UV filter (B) consists of one or more micronized, hydrophobicized zinc oxides.